Deja'Vibe® MDV-2
by Fulltone®

Congratulations on your purchase of the Fulltone **M**ini-**D**eja'**V**ibe **2**...the world's most accurate reproduction of the infamous 1960's Univibe effect made popular by Robin Trower, Jimi Hendrix, and others. We have been making exact '60's Univibe clones longer than anyone, and are the only ones manufacturing original-spec photocells, and manufacturing a dual-speed pot with the correct taper and gear. We even use the New Old Stock Panasonic Masushita 2SC828 transistors. Inside the MDV-2 is our DC-Doubler circuit which doubles the voltage of a 9 volt adapter (Fulltone FPS-1 Included) up to the original's required @ 18 volts.
Like an original Univibe, the MDV-2 has a built in Treadle speed control to instantly access any speed by simply rocking forward or backward. Like an original Univibe, the MDV-2 turns on and off simply by pushing the Treadle slightly forward off "heel position" at the pedal's slowest setting BUT (unlike the old Univibe) the MDV-2 gives you a heel-activated True Bypass Relay System ....stunning clarity thanks to Electronic Relays and a momentary switch located inside the pedal. The MDV-2 embodies everything that was great about the original Univibe and then some, at about 1/4 the original Univibe's size.

Features:

Input Jack: plug cable from your guitar into this, or the cable coming from the "out" of another effect.

Output Jack: plug the cable going to your amp into this, or the cable going to the "input" of another effect.

Intensity Knob: controls the amount of effect (chorus and Vibrato) by increasing (clockwise) or decreasing (counter-clockwise) the brilliance of the light source circuitry. You might decrease when using faster speeds.

Volume Knob: affects the overall volume of the pedal only when the pedal is turned "on."

Treadle Speed Controller: the Treadle is the rubber pad where you rest your foot. Since this is a modulation effect it pulses to a rhythm. The speed is determined by how far forward or back the treadle is positioned.

True Bypass Relay System: Located under the Treadle heel is a tiny micro-switch which activatesTwo electronic relays inside the MDV-2. When the Treadle is rocked full-heel position (past the slowest speed) the pedal is True-Bypassed. I designed it so that the pedal "defaults" to Bypass if power is lost to your MDV-2.

Speed/Status LED: This bright Blue LED not only tells you when the effect is On, but also pulses at the selected speed so you can visually sync to the desired tempo.

Chorus/Vibrato switch: When switch is set to Vibrato.....you get out of tune pitch-bend vibrato with no phasing. When switch is set to Chorus you get the familiar Hendrix/Trower phasing sounds that we all grew up with.

Modern/Vintage switch: Set to Vintage for stock, warm Univibe sounds of a darker nature..set this switch to Modern for more output and brightness...great when playing less distorted, cleaner sounds!

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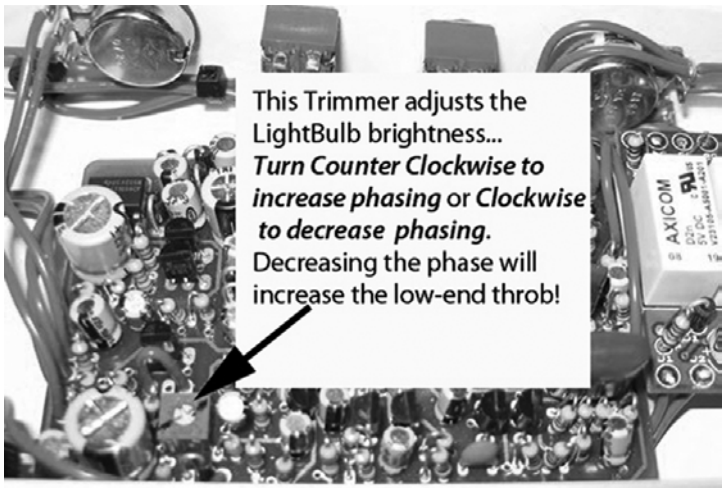
9 Volt DC operation: Your MDV-2 comes with the finest power supply available, the Fulltone FPS-1 wall-wart 9VDC power supply. You may only use a 9 volt adapter having the Industry standard 2.1mm x 5.5mm sized barrel connector configured Center Negative. The universal symbol for "Center Negative" (99% of pedals sold use this) is the following symbol: ⊖—●—⊕ If you use a pedalboard Power supply, make sure to use one that is "Regulated" and has "Isolated outputs" (for example: the Voodoo Labs PedalPower2) so that exactly 9.0 volts DC is supplied. If you use a non-regulated 9VDC power supply, the MDV-2's bulb will either be brighter or dimmer than is recommended and will not perform correctly. **Warning! Do not use any voltage other than 9VDC.** The MDV-2 has circuitry that converts the 9 volts up to 18 volts inside the pedal, **using other than 9VDC will damage or destroy the MDV-2, and may cause a fire!**

Light Source Trimmer control: Warning! This trimmer allows you to fine-tune the amount of current that gets to the light bulb thus adjusting the amount of pitch-bend Vibrato and Phasing.This is set at our shop and should not need adjustment but (if need be) should only be adjusted by someone who understands the nature of the circuit and how the Lightbulb affects the overall sound. The Trimmer is accessible through a hole located on the bottom of your MDV. Use a small slotted or Phillips-head screw driver to turn the Trimmer slightly **Counter Clock-Wise (CCW) to INCREASE bulb brightness**, increasing the "Phase Swoosh." Or **Turn slightly CW to DECREASE bulb brightness** and "Phase Swoosh." You have to use your ears, but our optimal setting is marked around the access hole should you want to return to the factory setting.

(Diagram 1)


This Trimmer adjusts the LightBulb brightness...
Turn Counter Clockwise to increase phasing or Clockwise to decrease phasing.
Decreasing the phase will increase the low-end throb!
AXICOM

(Diagram 2)

Treadle Adjustment: The Treadle is the gas-pedal-looking pad allowing changing of the speed with your foot. Fulltone Treadles (unlike others) are fully adjustable to either move easily or with more resistance depending on how tight the Nylok Nut on the treadle axle is set. (see Diagram 2) To Loosen the feel of your treadle, loosen the Nylok Nut a bit. To tighten the feel of the treadle, tighten it a bit. Warning! The Treadle must be set firm enough so that it stays put, especially when at the slowest position (heel back) because the Bypass Relay Switch must stay depressed for the MDV-2 to switch to "Bypass." In other words, if you loosen the treadle too much the pedal won't turn off and your vibe will always be on!

Warranty: Fulltone products carry a Limited 5 year Warranty to the original owner with proof of purchase the product was bought from an Authorized Fulltone Dealer. There is no need to register your product, simply keep a copy of your original sales receipt. The Warranty covers failure due to manufacturing errors only and is void if a mod or repair is attempted by anyone other than Fulltone (or an Authorized Fulltone Repairman) and/or if we deem that any operator-caused abuse or damage has occurred. Things that would cause voiding of the Warranty would include: the use of an incorrect power supply, water damage, physical abuse, etc. If you are having a technical issue please do not call. Instead, email Tech@fulltone.com to troubleshoot the problem and (only after troubleshooting) for the scheduling of your repair. After we have decided that a repair is necessary, we will email you an Acrobat PDF copy of our Return Authorization Form. (RA Form) You then print it out, fill out all the information, and include it in the box with the effect you are sending. Fulltone Musical Products Inc. is not responsible for and injuries and/or damages related to the use of our products. The Customer is responsible for all shipping costs. Thank you for buying the Fulltone Mini-Deja'Vibe 2!

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